UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/531,043	03/20/2000	Edward O Clapper	INTL-0354-US (P8573)	5766

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EXAMINER
COUSO, YON JUNG

ART UNIT	PAPER NUMBER
2625	

DATE MAILED: 06/02/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _20 March 2000_ .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-30_ is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-30_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _20 March 2000_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

     If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All b)☐ Some * c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____ .

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

     a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)   4)☐ Interview Summary (PTO-413) Paper No(s). _____ .

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5)☐ Notice of Informal Patent Application (PTO-152)

3)☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .   6)☐ Other: .

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-30 are rejected under 35 U.S.C. 102(e) as being anticipated by

Bugwadia et al (US Patent No. 6,229,570).

As per claims 1, 11 and 21, Bugwadia teaches an article comprising a medium

for storing instructions that cause a processor-based system to: receive an indication of

a selected portion of a first display frame of a sequence of video frames (column 3, lines

15-18); receive an indication of a selected portion of a second display frame of the

sequence, the first and second display frames separated by intervening video frames

(column 3, lines 15-18); and automatically interpolate a difference related to the

selected portions of the first and second display frames over the intervening frames

(column 5, line 10-column 6, line 14).

As per claims 2, 12, 22, Bugwadia teaches storing instructions that cause a

processor-based system to automatically interpolate between the position of the

selected portion of the first selected frame and the position of the selected portion of the

second selected frame (column 5, line 10-column 6, line 14).

As per claims 3, 13, 23, Bugwadia teaches storing instructions that cause a

processor-based system to automatically interpolate between the size of the selected

portion of the first display frame and the size of the selected portion of the second

display frame (column 3, lines 60-65).

As per claims 4, 14, 24, Bugwadia teaches storing instruction that cause a

processor-based system to enlarge the selected portion of the first and the second

display frames (column 9, line 65-column 10, line 3).

As per claims 5, 15, 25, Bugwadia teaches storing instructions that cause a

processor-based system to create a series of thumbnail depictions of a sequence of

video frames displayed together as a single display (figure 4).

As per claims 6, 16, 26, Bugwadia teaches storing instructions that cause a

processor-based system to overlay an image of a window to create the indications of

the selected portions (figure 4).

As per claims 7, 17, 27, Bugwadia teaches storing instructions that cause a

processor-based system to automatically linearly interpolate a difference between the

first and second display frames (column 3, lines 60-65).

As per claims 8, 18, 28, Bugwadia teaches storing instructions that cause a

processor-based system to automatically create a panning effect between selected

portion of d first display frame and the selected portion of the second display frame

(column 3, lines 1-5).

As per claims 9, 19, 29, Bugwadia teaches storing instructions that cause a

processor-based system to automatically create zoom effect between the selected

portion of the first display frame and the selected portion of the second display frame

(column 9, line 65-column 10, line 3).

As per claims 10, 20, 30, Bugwadia teaches storing instructions that cause a processor-based system to automatically create a panning effect between the selected portion of the first display and the selected portion of the second display frame (column 3, lines 1-5 and lines 50-65).
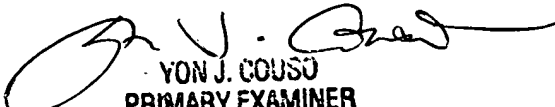
2.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Bender et al, Edelson et al and Szeliski et al are also cited.

3.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yon Couso whose telephone number is (703) 305-4779. The examiner can normally be reached on 8:00 am –4:30 pm from Monday to Friday

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta, can be reached on (703) 308-5246. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

YON J. COUSO
PRIMARY EXAMINER

Yjc

May 29, 2003